In final application No. PCT/JP03/13477

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	IFICATION OF SUBJECT MATTER C1 D01F6/00, 8/00, D06M11/00 D21H15/00	, 13/00, C08L101/00, D0	4H1/00,	
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS	SEARCHED			
Minimum documentation searched (classification system bliewed by classification symbols) 7 / 10 10 10 10 10 10 10 10 10 10 10 10 10				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
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'C DOCER	ENTE CONCIDEDED TO DE DES TULLS	·		
C. DOCON	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap		Relevant to claim No.	
X	JP 1-282390 A (Toray Indust:		1-13,16-35,	
71	14 November, 1989 (14.11.89)	,	44,45	
. A	Full text (Family: none)		14,15,36-38	
	(ramity: none)		•	
A	Asao Oya, Naoto Kasahara 'Precarbon fibers from phenol-formicro-beads dispersed in polyCarbon 2000, Vol.38, pages 1	rmaldehyde polymer yethylene matrix',	1-38,44,45	
	JP 2002-173308 A (Mitsubish: 21 June, 2002 (21.06.02), Full text (Family: none)	i Chemical Corp.),	1-38,44,45	
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Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O2 February, 2004 (02.02.04) "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of the actual completion of the international search O2 February, 2004 (02.02.04) To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family 17 February, 2004 (17.02.04)		e application but cited to erlying the invention laimed invention cannot be sed to involve an inventive claimed invention cannot be when the document is documents, such skilled in the art amily		
	ailing address of the ISA/	Authorized officer		
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A US 4686074 A (Toray Industries, Inc.), 11 August, 1987 (11.08.87), Full text & WO 84/03470 Al & JP 59-163411 A & JP 59-179812 A & EP 137854 A & US 5154934 A A JF 5-71006 A (Chisso Corp.), 23 March, 1993 (23.03.93), Full text (Family: none) A JF 60-21904 A (Toray Industries, Inc.), 04 February, 1985 (04.02.85), Full text (Family: none)	4,45
23 March, 1993 (23.03.93), Full text (Family: none) A JP 60-21904 A (Toray Industries, Inc.), 04 February, 1985 (04.02.85), Full text	
04 February, 1985 (04.02.85), Full text	4,45
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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)		
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:		
1. Claims Nos.:		
because they relate to subject matter not required to be searched by this Authority, namely:		
2. Claims Nos.:		
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:		
3. Claims Nos.:		
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).		
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)		
This International Searching Authority found multiple inventions in this international application, as follows: Claim describes eight inventions, i.e., (1-13, 16-20, 44, 45) (14,15) (21-38) (39) (40-43) (46-49) (50) and (51). Nanofiber aggregates which have fineness of 1 x 10 ⁻⁷ to 2 x 10 ⁻⁴ dtex and are made of thermoplastic polymers are publicly known prior to the priority date of this application, and are therefore not a special technical feature. Thus, (1-13, 16-20, 44, 45) (14,15) (21-38) (39) (40-43) (46-49) (50) and (51) do not have any novel special technical feature in common. 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.		
 As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. 		
3. X As only some of the required additional search fees were timely paid by the applicant, this international search report covers		
only those claims for which fees were paid, specifically claims Nos.: (1-13, 16-20, 44, 45) (14,15)		
(21-38).		
(21-30).		
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:		
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.		
No protest accompanied the payment of additional search fees.		
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